BRUHAT BANGALORE MAHANAGARA PALIKE

Yelahanka Zone, Electrical Division

Name of Work:-Detailed Estime for Providing aerial Bunch cable/ACSR wire / Control Switches in artilary Roads in ward no 06.

Ward No. 05 **Estimate No:-** **For Rs.** **200000.00**

Sl No	SR Page & SL No	Description Of Work	Qty	Rate	Unit	Amount
		KPWD (Ele) S.R.2014-15				
1	P.No 22 I.No4.16	Supplying High pressure sodium vapour street light luminaire 250wsuitable for use with high pressure sodium vapour lamp with integrated control gear and grey colr powder coated. The fitting shall be non corrosive pressure die cast aluminium housing with high purity anodized aluminium housing with EPDM Gaskets suitable for Outer Dia of pole 40 mm -60 mm. Cable entry through a cable gland with toggle clips. IP65 protection for both optical & electrical compartment. Bottom cover may be with poly carbonate/tempered/ toughened glass.Luminaire efficiency should be > 60 % and ambient temperature >35 deg C. High Intensity Discharge electro magnetic ballast with copper winding of Orthocyclic winding coil. Class H insulated dual coated copper wire. Complaince to IEC 61347-2-9 Safety & IEC 60923-Performance. Winding Temperature rise "Tw-130deg C & temperature sise T=70 deg C. Luminaire shall be suitable to operate on 230/250 V 50 Hz AC supply finish including wiring , Ignitor, condenser, SS Toggles for opening front hingeable glass 250 Wattsa) Group 'A'	13	6900.00	Nos	89700.00
2	P.No-108 I.No-17.1.2	Supplying & fixing of 32 mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 or rail or RCC pole/wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires complete. Using 32mm dia G.I pipe	10	893.00	Nos	8930.00
3	56/7.6.1	Supplying of 1.1KV grade Aerial Bunched Cable Stranded & Compacted Aluminum Phase Conductor, and Stranded Messenger Conductor with all aluminum Alloy, Phase Conductor is insulated with XLPE Compound, insulated Messenger with specified IS-14255:1995 & confirming to GTP of GROUP-A 2 X 16 + 1 X 25 SQ.MM	270	92.00	Per Mtr	24840.00
4	Bes SR	Stringing of 1.1kv LT Arial Bunched Cable, BESCOM SR	270	10.30	Per Mtr	2781.00

5	Bes SR	Dead End Clamp/Anchor Clamp Assembly 16 to70 Sqmm Bare Messenger(Exclusive of pole clampand eye hook) (Standard Stock materials 2016-17)	2	200.00	Nos	400.00
6	Bes SR	Suspension clamp suitable for insulatedMesssenger wire of size 25 to 95Sq mm(Standard Stock materials 2016-17)	20	325.00	Nos	6500.00
7	Bes SR	Erection of Suspension /dead end Clamp - 25 to 95insulated messenger with bracket sqmm(Standard Stock materials 2016-17)	24	135.00	Nos	3240.00
8	33/5.85	Supplying and Fixing ..... including all Hardware's etc. complete as per the standard technical specification of BESCOM. RCC Clamp	14	84.00	Nos	1176.00
9	16.13.2	Supply and fixing/replacing of choke for Sodium Vapour lamp fitting in existing fitting mounted on tubular pole.250Watts	15	1950.00	Nos	29250.00
10	16.2	Supplying and fixing of HPSV lamps on existing fitting mounted on tubular pole Single end250Watts-400Watts	20	1106.00	Nos	22120.00
11	16.26	Supplying and fixing/replacement of Ignitor suitable for 70 to 400Watts SV/MH fittings.	21.00	523.00	Nos	10983.00
12	12/2.12.1	Wiring for lighting / power circuit using one of pvc insulated 1100v grade stranded aluminum unsheathed wire single core cable in open or concealed system of wiring as per IS - 694 : 1990 4sq mm	10	7.50		75.00
		Miscellaneous				5.00
		TOTAL				**200000.00**

CERTIFICATE :-

1. The place was inspected and the work is essential.
2. The provision made in the estimate are adequate and necessary and the work comes in the BBMP limit and is legitimate Charges on the BBMP funds.
3. The estimate is based on KPWD (Ele) S.R.2014-15 Rates.and BESCOM SR 16-17.

K.N. Bandy

Asst. Engineer (Elec)

Asst. Exe.Engineer (Elec)
Sub-Division No.
Bruhat Bangalore Mahanagara Palike

Administrative Sanction for Rs. 2.00 Lakh
Two Lakh only
is accorded under head P0298 M.and R to Electrical Installations in park and Gardens. ply Grounds & Burial Grounds
Registered as ME No. ..... Subject
to conditions contained in enclosed memo
No EE/ELE/42/AS/25/16-17 Dt 02.03.17

Executive Engineer

EXECUTIVE ENGINEER (ELEC)
YELAHANKA DIVISION
BRUHAT BANGALORE MAHANAGARA PALIKE

TECHNICALLY SANCTIONED FOR Rs. 2.00 lakh
Rupees Two Lakh only
Under P.0298 M and R to Electrical Installations in Park and Gardens ply Grounds Burial Grounds.
Registered as ME ( ) No. 9
Subject to conditions contained in enclosed memo EE( )No. EE/ELE/42/TS/26/16-17
Dt. 03.03.2017 Estimate A/ Sanctioned
EE/ELE/42/AS/25/16-17
Dated 02.03.2017 Rs. 2.00 lakh.

Executive Engineer